

CLAIMS:

1. An apparatus for reading out an information carrier, which information carrier is provided with an integrated circuit and an antenna connected to the integrated circuit, said apparatus being provided with communication means for achieving an electromagnetic coupling with the antenna on the information carrier, characterized in that the communication means are constructed for achieving communication between the integrated circuit and the apparatus when the information carrier is present inside the apparatus and for achieving communication between the integrated circuit and the apparatus when the information carrier is present in the vicinity of the apparatus.

2. An apparatus as claimed in claim 1, characterized in that the communication means comprise at least two antennas, one for communication when the information carrier is inside the apparatus and one for communication when the information carrier is present in the vicinity of the apparatus.

3. An apparatus as claimed in claim 2, characterized in that at least two antennas are coupled to one read-out IC.

4. An apparatus as claimed in claim 3, characterized in that the two antennas are connected in series and coupled to the read-out IC.

5. An apparatus as claimed in claim 2, characterized in that the housing of the apparatus is at least partly free from metal at the area of the antenna for communication between the chip and the apparatus when the information carrier is in the vicinity of the apparatus.